XX. *Meteorological Observations for* 1768, *made at* Bridgwater *in* Somersetshire, *and at* Ludgvan *in* Mount's-Bay, Cornwall. *Communicated by Dr.* Jeremiah Milles, *Dean of* Exeter, *and F. R. S.*

Read June 1, 1769.

OBSERVATIONS at BRIDGWATER, 1768.

1768. Month.	Barometer.	State of the Weather and Wind.	Fahrenheit's Thermom.	Ombr.
January	In. 3. Highest 30,14 24. Lowest 29,18	From the 1st to the 8th, frosty and remarkably cold. On the 9th a very deep snow, 1 foot 3 inches undriven; and it would have been deeper, had it not rained the day before. From thence, to the end of the month, cloudy, foggy, or rainy.—The wind northerly the first part, and in the latter variable from thence to N. E.	Med. 25. Highest 48 4. Lowest 9 } 34	In. 3,905
February	5. Highest 30,42 10. Lowest 29,27	Changeable throughout; either cloudy or rainy, with very little sun-shine. The wind either N. E. or N. W. the first part of the month, and generally S. W. the remainder. Very high in the middle of the month.	11. Highest 53 3. Lowest 28 } $43\frac{15}{29}$	2,390
March	4. Highest 30 46 15. Lowest 29,73	The first part generally cloudy, the middle sun-shine, and the latter part cloudy. The wind either N. E. or N. W. almost the whole month, and remarkably calm, except two or three days in the middle.	29. Highest 55 4. Lowest 28 } $40\frac{22}{31}$	,125
April	1. Highest 30,21 29. Lowest 29,30	Constant sun-shine for the first five days, but from thence to the end of the month generally stormy. The wind chiefly westerly the whole month.	14. Highest 59 3. Lowest 39 } 49	2,829

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Month.	Barometer.	State of the Weather and Wind.	Fahrenheit's Thermom.	Ombr.
May	In. 15. Higheſt 30,22 29. Loweſt 29,24	Stormy for a few days in the beginning, but generally ſun-ſhine through the remainder. The wind chiefly northerly. N. B. A very remarkably ſtrong Aurora Borealis on the 4th. and very uncommon, almoſt conſtant, lightning for ſeveral hours, on the 5th, but without injury.	Med. 23. Higheſt 74 1. Loweſt 40 } 55	In. 1,270
June	2. Higheſt 30,15 9. Loweſt 29,26	Sun-ſhine for the firſt ſeven days: from thence ſtormy, cloudy, and ſun-ſhine, intermixed. The wind variable, between N. W. and S. W.	6. Higheſt 69 19. Loweſt 48 } $57\frac{15}{30}$	3,935
July	21. Higheſt 30,05 7. Loweſt 29,43	Generally rainy, and chiefly towards the latter end. The wind generally S. W.	28. Higheſt 73 9. Loweſt 50 } 61	4,565
Auguſt	8. Higheſt 30,12 23. Loweſt 29,43	Changeable throughout. Sun-ſhine, cloudy, and rain. The wind moſt commonly northerly.	14. Higheſt 69 29. Loweſt 52 } $61\frac{10}{31}$	2,485
September	14. Higheſt 30,12 16. Loweſt 28,94	The firſt and laſt weeks cloudy and ſun-ſhine intermixed. But almoſt conſtant rain during the middle of the month. The wind generally S. W.	27. Higheſt 65 14. Loweſt 46 } $55\frac{1}{30}$	6,207
October	19. Higheſt 30,14 5. Loweſt 29,14	The firſt part generally cloudy, with hard ſtorms. The middle cloudy and ſun-ſhine intermixed; and the latter part ſtormy. The wind chiefly weſterly.	7. Higheſt 63 22. Loweſt 40 } $50\frac{23}{31}$	4,015
November	6. Higheſt 30,33 22. Loweſt 28,23	Changeable throughout. The wind generally either N. W. or S. W. and high. The barometer was remarkably low the latter part of this month.	8. Higheſt 59 9. Loweſt 36 } $42\frac{8}{30}$	5,595
December	12. Higheſt 30,43 2. Loweſt 28,89	The firſt part changeable; ſmart froſt in the middle, and generally cloudy in the latter part. The wind generally S. W.	8. Higheſt 56 15. Loweſt 22 } $41\frac{20}{31}$	2,170
			Total of Rain	39,291

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OBSERVATIONS at LUDGVAN in MOUNT'S-BAY, CORNWALL, 1768.
By WILLIAM BORLASE, D. D.

1768. Month.	Barometer.	State of the Weather and Wind.	Fahrenheit's Thermom.	Ombr.
			Med.	In.
January	3. Higheſt 29,99 1. Loweſt 28,88	On the 1ſt ſtormy, thunder, lightning. Hard froſt, with ſome ſnow, from the 2d to the 6th. The 6th a. m. ſnow gone, but the ice in a garden watering-pot found ten inches deep. The 7th thaw with much rain. 8th a. m. froſt all gone. On the 9th melting ſnow and rain. No more ſnow or froſt. Reſt moſtly ſtormy with rain. Wind chiefly Eaſt and North.	25. Higheſt 49 3. Loweſt 25 $40\frac{8}{31}$	6,900
February	6. Higheſt 30,29 10. Loweſt 29,10	Cloudy. 10th a violent ſtorm, wind S. by W.; extreme at noon. The reſt miſty, ſtormy, ſhowery, and rain. Little ſun-ſhine or calm. Wind blew twenty days from the Weſt.	21. Higheſt 54 3. Loweſt $34\frac{1}{2}$ $47\frac{1}{29}$	3,760
March	11. Higheſt 30,27 15. Loweſt 29,69	Gentle froſts, for a day only, on the 4th, 8th, and 24th. Reſt moſtly fair and ſun ſhine. Barometer unuſually high. Wind chiefly from the Eaſt and North.	17. Higheſt 55 4. Loweſt 33 $44\frac{27}{31}\frac{1}{2}$	0,350
April	1. Higheſt 30,3 29. Loweſt 29,10	Weather windy, with frequent ſhowers. The wind in the firſt third of the month Eaſt, and Eaſt-North-Eaſt, reſt Weſterly, mixed with the South.	18. Higheſt 56 1. Loweſt 41 $49\frac{26}{30}$	3,180

May

Month.	Barometer.		In.	State of the Weather and Wind.	Fahrenheit's Thermom.		Med.	Ombr. In.
May	23.	Higheſt	30 5	Much calms and ſun-ſhine. Wind moſtly from the Eaſt, mixed with the North. Pleaſant month.	25. Higheſt 70	}	$54\frac{16}{31}\frac{3}{4}$	1,550
	29.	Loweſt	29,10		2. Loweſt 43			
June	2.	Higheſt	30,4	On the 6th thunder, lightning, and rain. The 25th ditto. On the 11th ſtormy. 27th ditto. Reſt fair, ſun-ſhine and rain intermixed. Wind equally from all points.	3. Higheſt $66\frac{1}{2}$	}	$56\frac{10}{30}$	4,750
	11.	Loweſt	29,10		13. Loweſt 49			
July	21.	Higheſt	29,90	Showery, rainy, and fair, intermixed. Windy and calm nearly equal. Stormy rain on the 26th. Wind blew twenty-ſix days from the Weſt, moſtly mixed with a point of the South.	30. Higheſt 66	}	$59\frac{5}{31}$	4,900
	7.	Loweſt	29.18		17. Loweſt 53			
Auguſt	8.	Higheſt	30,3	To the 16th fair, generally, with ſun-ſhine, and much calms. On the 17th p. m. thunder, lightning, and violent rain, of which at leaſt one inch fell from 2 p. m. to 5 p. m. N. B. Great falls of rain on the ſame day in Yorkſhire, Wales, &c. Wind then at Eaſt and North. Reſt moſtly from the Weſt.	16. Higheſt $67\frac{1}{2}$	}	$60\frac{5}{31}$	3,900
	22.	Loweſt	29,31		2. Loweſt 55			
September	14.	Higheſt	30,6	Beginning ſhowery, calm, and ſun-ſhine. On the 12th violent rain and wind. 13th, 22d, ditto. On the 13th, 17th, 23d, 25th, 26th, ſtormy. On the 16th a ſtorm. Wind W. $\frac{1}{2}$ S. One half of the month wind from the Weſtward; the reſt mixed.	28. Higheſt 64	}	$55\frac{24}{30}\frac{3}{4}$	4,510
	16.	Loweſt	28,97		21. Loweſt 47			
October	19.	Higheſt	30,2	Rainy, windy month. On the 5th and 6th ſtormy rain. 7th, 18th, 29th, ditto. On the 6th thunder, lightning, and hail. One half of the month wind blew from the Weſt; reſt mixed.	1. Higheſt 61	}	$52\frac{23}{31}\frac{1}{2}$	5,010
	5.	Loweſt	28,99		13. Loweſt 45			

Month.	Barometer.		State of the Weather and Wind.	Fahrenheit's Thermom.		Obsr.
		In.			Med.	In.
November	6. Higheſt 22. Loweſt	30,17 28,23	On the 4th violent hail-ſhowers. On the 2d hard rain. 10th, 11th, 21ſt, 26th, 27th, 28th, 29th, ditto. On the 4th, 16th, 21ſt, 22d, 23d, 24th, 28th, 29th, ſtormy. Wind blew twenty-ſeven days from the Weſt. N. B. From Sunday the 20th $8\frac{3}{4}$ p. m. to Tueſday 22 half hour p. m. (viz. in $39\frac{3}{4}$ hours) the mercury in the barometer fell 175 (all decimals), and at half paſt noon was down to 28,23, the loweſt yet noted here. Wind W. $\frac{1}{2}$ N. By $8\frac{1}{2}$ p. m. of the 22d, the mercury was riſen to 28,31.	1. Higheſt 54 22. Loweſt 41	$48\frac{15}{30\frac{1}{4}}$	6,930
December	17. Higheſt 2. Loweſt	30,17 28,70	Violent rains. From December 1, 10 a. m. to December 2 noon, in 26 hours the fall of rain was 1 inch $\frac{250}{1000}$th. On the 6th lightning, and ſtormy ſhowers. On the 16th a ſtorm, wind S. E. On the 13th ſmart froſt. 14th ditto. 15th a deep fall of ſnow; but that, and the froſt, diſmiſſed, by the next morning, by ſtormy, violent rains, about 1 inch having fallen on the 15th at night. Wind moſtly from the South and Weſt.	21. Higheſt 52 12. Loweſt 40	$46\frac{8}{31}$	5,150

Rain fallen in the Year 1768 50,890

XXI. *Propoſal*